

# DIVISION OF PUBLIC WATER SUPPLIES

## Inventory Sheet

Date inventoried Jan. 14, 1981

ply: **EAST PEORIA**

EPA Region 5 Records Ctr.

Sheet A-1 of 41



353730

m: Description of Supply

WELL #10 200 OAK WOOD RD  
WELL #9 SHUT DOWN IN '85 OR '86

Water for the City of East Peoria is obtained from 9 drilled drift wells which are as follows: Allison Street Wells #1 and #2, Meadow Avenue Wells #1 and #2, Catherine Street Well #1, North Main Street Wells #1 and #2, Well #8, and ~~Well #9~~. Although still in existence, water is no longer obtained from the 3 Moschell Street Wells, as the pumps for these wells have been removed and they have been completely disconnected from the water system; the 14 Washington Street Wells have been totally abandoned (see accompanying map for location of all wells). Water from Allison Street Wells #1 and #2, the Catherine Street Well, Well #8, and ~~Well #9~~ is chlorinated, fluoridated, and discharged to the lower parts of the distribution system and the 3 Springfield Road ground reservoirs; water from Meadow Avenue Wells #1 and #2 and North Main Street Wells #1 and #2 is chlorinated, fluoridated, fed potassium permanganate, filtered for iron removal, and discharged to the lower parts of the distribution system and the 3 Springfield Road ground reservoirs. The 3 Springfield Road ground reservoirs are located in an elevated area and function as pressure equalizing reservoirs for the lower parts of the distribution system. In addition, 6 elevated areas in town are supplied water by 7 separate booster stations and 8 elevated storage tanks (see accompanying map for location of booster stations and elevated storage tanks). Each booster station (except Springfield Road booster stations #1 and #2) pumps to a separate area of the distribution system and separate elevated tank; these 6 areas are not interconnected (except indirectly by feeder mains in the lower parts of the distribution system) and each booster station operates independently. In essence, the entire distribution system includes 7 separate distribution areas. The total rate of all 9 well pumps is 3590 (5.17 M.G.D.); the total filter capacity at each water treatment plant is 1260 gpm; the total rate of all the booster pumps is 3650 gpm; the 3 ground reservoirs total 2 M.G.; and the total elevated storage tank capacity is 2.725 M.G. In addition, the East Peoria water supply is cross-connected to the Caterpillar Tractor Company water supply and interconnected to the Creve Coeur and Morton public water supplies.

WELL 9 SHUT DOWN IN '85 OR '86

